

**Commonwealth of Kentucky**  
**Division for Air Quality**  
**EXECUTIVE SUMMARY**

FINAL  
CONDITIONAL MAJOR PERMIT  
PERMIT NO. F-06-061  
LEXMARK INTERNATIONAL, INCORPORATED  
LEXINGTON, KY 40550  
JUNE 15, 2007  
RICK SHEWEKAH, REVIEWER

SOURCE ID:	21-067-00012
AGENCY INTEREST #:	1058
ACTIVITY ID:	APE20040002

**SOURCE DESCRIPTION:**

The Lexington facility of Lexmark International, Incorporated (Lexmark) located at 740 West New Circle Road, Lexington, Kentucky 40550, houses its corporate headquarters and research and development laboratories. The facility conducts research and development for laser printer cartridges and ink jet cartridges for Lexmark's printing technologies. Some of the designs and processes developed at Lexmark's Lexington location are modified and implemented as production level processes at Lexmark's world wide manufacturing plants.

This source consists mainly of surface coating operations and combustion operations. The emissions from this source are volatile organic compounds (VOCs), particulate matter (PM/PM-10), and hazardous air pollutants (HAPs) from the surface coating operations and carbon monoxide (CO), nitrogen oxide (NOx), VOCs, particulate matter (PM/PM-10), and sulfur dioxide (SO<sub>2</sub>) from combustion units. All emissions from the combustion units are uncontrolled. The particulate matter emissions from surface coating operations are subject to 401 KAR 59:010. The particulate emissions from surface coating operations are controlled by disposable mesh filters.

The potential to emit (as defined in 401 KAR 52:001, Section 1 (192)) of CO, NOx, PM-10, and SO<sub>2</sub> for this source are each greater than one hundred (100) tons per year; therefore the source is a major source under 401 KAR 52:020, *Title V Permits*. The source has requested to take limits on the source-wide emissions of CO, NOx, PM-10, and SO<sub>2</sub> to less than Title V major source thresholds. Therefore, the source will be issued a Conditional Major operating permit under 401 KAR 52:030, *Federally Enforceable Permits for Non-major Sources*. This is the initial Conditional Major permit for this source. Prior to 1991, this plant was owned and operated by IBM, Inc.

**PUBLIC, EPA, AND AFFECTED STATE REVIEW:**

On May 3, 2007, the public notice on the availability of the draft permit and supporting material for comments by persons affected by the plant was published in *The Lexington Herald Leader* in Lexington, Kentucky. The public comment period expired 30 days from the date of publication. Comments were received from Melissa McDonald of URS Corporation, the consultant to Lexmark International, Inc., on May 24, 2007. Minor changes were made to the permit as a result of the comments received. However the Division has concluded that the proposed operation will comply with all air quality regulations and requirements. The permit is now being issued final.